

Ribs arrangement in spout of packaging bag for liquids - has rei.. Page 1 of 2  
*interesting concept of Cuyovae has interest in standup liquid pouches/bags. RRP*

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**Ribs arrangement in spout of packaging bag for liquids - has reinforcing ribs formed alternately on opposite surface films**

Patent Assignee: **FUJIMORI IND CO LTD (FUJO)**

Patent Family: *current only at May 26 1999*

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC
JP 11059704	A	19990302	JP 97226682	A	19970822	B65D-033/3

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Priority Applications  
(No Type Date): JP 97226682 A 19970822

Patent Details: *current only at May 26 1999*

Patent	Kind	Lan	Pg	Filing Notes	Application	Patent
JP 11059704	A		4			

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**Abstract (Basic): JP 11059704 A**

**NOVELTY** - Reinforcing ribs (10-12) are formed in surface film (5) alternately with reinforcing ribs (13,14) of opposite surface film of spout. The reinforcing ribs are angular shaped and are protruded to outer side of the surface films.

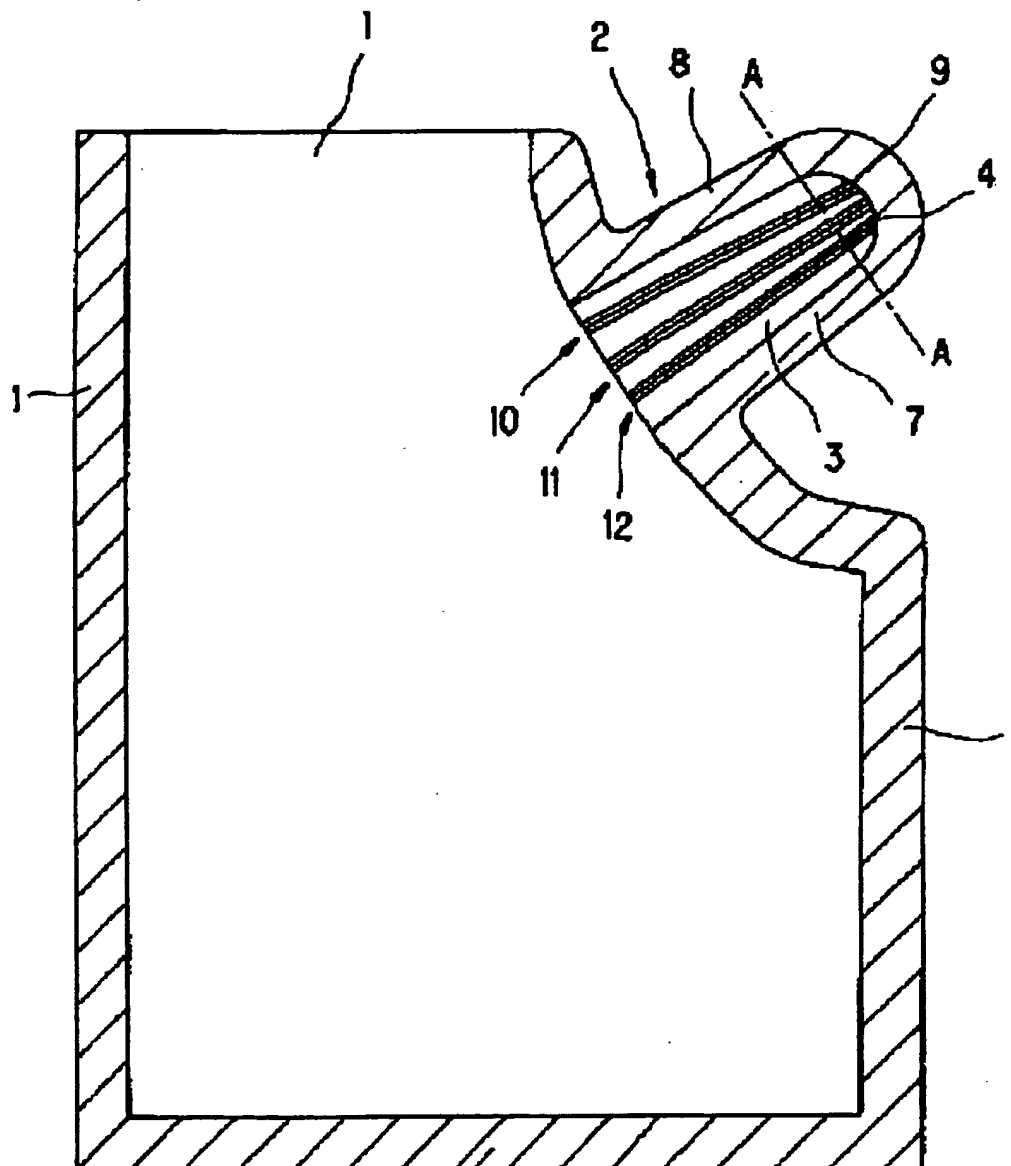
**USE** - In spout of packaging bag that stores liquids such as shampoo, body soap, tableware detergent.

**ADVANTAGE** - Formation of ribs in the spout of packaging bag avoids bending of the spout during pouring of liquid and the stored can be poured out smoothly. The reinforcing ribs can be formed simply by vacuum molding. The packaging bag can be manufactured cheaply.

**DESCRIPTION OF DRAWING(S)** - The figure shows cross sectional view of spout of packaging bag. (5) Surface film; (10-14) Reinforcing ribs; (13,14) Reinforcing rib.

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*Derwent Class:* Q32  
*International Patent Class (Main):* B65D-033/38  
*International Patent Class (Additional):* B65D-033/02



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